Index of Claims

| Application/Control No |
|------------------------|
|------------------------|

10/655,209 Examiner

Quan-Zhen Wang

Applicant(s)/Patent under Reexamination

CON-CAROLIS ET AL.

Art Unit

2613

Rejected Allowed

(Through numeral) Cancelled

Restricted

÷

Non-Elected N ı Interference

Appeal Α 0 Objected

| Claim Date | | | | | | | | | | |
|------------|-----------------------|--------------|--|--|--------------------------------|--|--|--------------|----------|----------|
| Cla | ım | Date | | | | | | | | |
| Final | Original | 7/23/06 | | | | | | | | · |
| | 1 | 1 | | | | | | | | |
| | 1 2 3 4 5 | - | | | | | | | | |
| | 3 | 1 | | | | | | | | |
| | 4 | 1 | | | _ | | | | | |
| | | - | | | | _ | | | | |
| | 6 7 | ٧ | | _ | <u> </u> | <u> </u> | | | | |
| | 8 | 7 | | ⊢ | | | | | | \dashv |
| | 0 | <u> </u> | | - | ⊢ | | | | _ | \dashv |
| | 9 10 | \vdash | | - | ┢ | | _ | \vdash | - | \dashv |
| | 11 | - | | | - | | - | - | | \dashv |
| | 12 | F | | | \vdash | | | | | \vdash |
| | 12 13 14 | | \vdash | Г | \vdash | Г | _ | П | | |
| | 14 | | | | | | | | | |
| | 15 16 17 | | | | | | | | | |
| | 16 | | | | | | | | | |
| | 17 | | | | | | | | | |
| | 18 19 | | | | | _ | ļ | <u> </u> | | Ш |
| | 19 | <u> </u> | | <u> </u> | _ | _ | <u> </u> | <u> </u> | | - |
| | 20 | <u> </u> | | Ь— | ļ | - | <u> </u> | <u> </u> | | Н |
| | 21 22 | ┢ | - | | - | ┢ | - | - | - | Н |
| | 22 | ┢ | - | \vdash | ⊢ | ┝ | | - | - | Н |
| | 23 24 | | ┢ | ┝ | - | - | | | | |
| | 25 | ╁ | ┢ | | ┢ | ╁ | \vdash | | | Н |
| | 26 | \vdash | - | † · · · | | \vdash | | | | Н |
| | 26 27 28 | \vdash | T | | | Ť | ┢ | | | П |
| | 28 | \vdash | | | | T | Г | | | |
| | 29 30 | | | | | | | | | |
| | 30 | | | | | | | | | |
| | 31 32 | | $ldsymbol{ld}}}}}}$ | ┖ | | | L. | <u> </u> | | Щ |
| | 32 | <u> </u> | _ | L | \vdash | <u> </u> | _ | _ | \vdash | |
| | 33 | | 1 | ├- | \vdash | \vdash | \vdash | ├ | \vdash | \vdash |
| | 34 35 | ├- | - | \vdash | - | - | \vdash | \vdash | _ | H |
| | 36 | \vdash | - | ┢ | - | \vdash | \vdash | - | \vdash | \vdash |
| | 37 | + | \vdash | \vdash | +- | 1 | \vdash | \vdash | \vdash | \vdash |
| \vdash | 38 | 1 | \vdash | H | T | \vdash | 1 | 1 | _ | |
| | 39 | T | | T | \vdash | T | Т | \vdash | Г | |
| | 40 | 1 | Т | Τ | Τ | T | Π | Г | | |
| | 41 | | | | Γ | | | | | |
| | 42 | | | | | | | | | |
| | 43 | | | $oxedsymbol{ox{oxedsymbol{oxedsymbol{ox{oxedsymbol{ox{oxed}}}}}}$ | $oxedsymbol{oxedsymbol{oxed}}$ | 匚 | Ĺ | \Box | \Box | |
| | 44 | | | L | L | | L | $oxed{\Box}$ | L | _ |
| | 45 | \vdash | L | ↓_ | _ | <u> </u> | _ | <u> </u> | | L |
| <u> </u> | 46 | ╄ | - | ⊢ | ╄ | 1 | - | ├ | <u> </u> | |
| | 47 | | \vdash | ╄ | ╀ | ₽ | \vdash | \vdash | - | ├ |
| | 48 49 | +- | \vdash | ╀ | ╀ | + | \vdash | - | ├- | \vdash |
| <u> </u> | 50 | ⊢ | ├ | ╁ | \vdash | ├ | ├ | ╁ | ┝ | \vdash |
| L | _ ou | 1 | | 1 | <u> </u> | 1 | <u> </u> | Ц. | Щ | |

| Claim | | Date | | | | | | | | | |
|----------|--|--|--|--|--|----------|--------------|--|------------|--|--|
| | | | | | | | | | | П | |
| <u></u> | Original | | | | | | | | | | |
| Final | ġ | | | | | | | | | li | |
| ۳. | ō | | | | | | | | | | |
| | , | \vdash | | _ | | _ | | | - | $\vdash\vdash$ | |
| | 51 | - | _ | H | | | | _ | <u> </u> | \vdash | |
| - | 51 52 53 | _ | | <u> </u> | _ | _ | - | | <u> </u> | \vdash | |
| | 53 | | _ | ⊢ | _ | _ | _ | | - | Н | |
| | 54 55 | | | ⊢ | _ | - | | | - | Н | |
| <u> </u> | 55 | | | <u> </u> | | | _ | | - | Н | |
| | 56 | <u> </u> | | _ | <u> </u> | _ | | | <u> </u> | \sqcup | |
| | 57 | <u> </u> | | ┝ | _ | _ | | | ┡ | \vdash | |
| | 58 59 | ļ | | <u> </u> | | \vdash | \vdash | | | Н | |
| | 59 | | | <u> </u> | _ | _ | <u> </u> | | ┝ | Н | |
| | 60 | | | _ | | <u> </u> | \vdash | | _ | \vdash | |
| | 61 62 63 | ⊢ | L | <u> </u> | \vdash | | \vdash | | <u> </u> | \vdash | |
| <u> </u> | 62 | - | <u> </u> | <u> </u> | <u> </u> | ├ | <u> </u> | | <u> </u> | Щ | |
| | 63 | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | ⊢- | <u></u> | - | \vdash | |
| | 64 65 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | Н | |
| <u> </u> | 65 | <u> </u> | ļ | <u> </u> | <u> </u> | <u> </u> | _ | | \vdash | Н | |
| | 66 | | \vdash | <u> </u> | <u> </u> | \vdash | \vdash | <u> </u> | | \vdash | |
| - | 66 67 68 | \vdash | <u> </u> | | \vdash | ├- | | _ | \vdash | \vdash | |
| | 80 | ├- | ⊢ | | ├ | - | | - | \vdash | \vdash | |
| | 69 70 71 | ⊢ | - | ┢ | <u> </u> | - | ⊢ | ⊢ | | ⊢ | |
| <u> </u> | 70 | | ⊢ | - | | ├- | | _ | ⊢ | ⊢ | |
| <u> </u> | 71 | - | \vdash | ⊢ | | - | - | - | - | - | |
| | 72 | ├- | ⊢ | ┈ | | \vdash | - | ⊢ | ⊢ | ┝ | |
| - | 74 | ╁ | ⊢ | ╁ | ⊢ | - | | - | - | ┢ | |
| - | 72 73 74 75 76 77 78 79 | | | ⊢ | ╌ | \vdash | \vdash | ├─ | ┢ | \vdash | |
| | 76 | | ┢ | ⊢ | \vdash | ┢ | ┢ | \vdash | 1 | - | |
| | 77 | \vdash | | ┢ | - | | \vdash | \vdash | \vdash | | |
| - | 78 | ┢ | ┢ | H | ┢ | ┢ | \vdash | H | ✝ | | |
| | 79 | \vdash | \vdash | | | ┢ | \vdash | | - | Τ | |
| | 80 | ╁ | ┢┈ | \vdash | ┢ | \vdash | — | | T | \vdash | |
| | 81 | ┢ | t | T | | | | \vdash | T | _ | |
| | 82 | 1 | | T | T | Г | | Г | Т | t | |
| _ | 83 | | \vdash | | | T | 1 | | T | t | |
| | 84 | T | <u> </u> | Т | Г | | | | Τ | T | |
| | 84 85 | | Г | T | | T | Г | | 1 | Π | |
| | 86 | П | T | | | | Ī | | Π | Π | |
| | 86 87 | | T | Ī | 1 | П | Ī | | Π | T | |
| | 88 | | | Π | | П | | | | Π | |
| | 89 | Ι. | Π | | | L | | | | | |
| | 90 | | | | | | | | | | |
| | 91 | | | | | | L | | | L | |
| | 92 | | | | | | | | | | |
| | 93 | | | | | 匚 | | Ĺ | | | |
| | 94 | | | | 匚 | \Box | | \Box | | | |
| | 95 | | | | | | Ĺ | L | | <u> </u> | |
| | 96 | | | | Ĺ | | oxdot | | \perp | | |
| | 97 | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | | _ | _ | _ | _ | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | ╙ | ↓_ | |
| | 98 | <u> </u> | <u> </u> | | | | \perp | L | ـــــ | | |
| <u></u> | 99 | \perp | ↓_ | \perp | <u> </u> | ↓_ | ــ | L | ↓_ | _ | |
| L | 100 | 1_ | _ | | | 1 | 丄 | L | 1_ | <u></u> | |
| | | | | | | | | | | | |

| Te D | Claim | | Date | | | | | | | | |
|---|----------|-----|--|----------|--|--|--|----------------|--------------|----------|----------|
| 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 144 144 145 146 147 148 149 149 | | | | | | | | | | | |
| 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 144 144 145 146 147 148 149 149 | | 101 | | | | | | | | | |
| 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 148 149 148 149 148 149 148 149 148 149 148 149 148 149 148 149 144 145 146 147 148 149 149 149 140 141 142 143 144 145 146 147 148 149 140 | | 102 | | | | | | | | | |
| 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 148 149 148 149 148 149 148 149 148 149 148 149 148 149 148 149 144 145 146 147 148 149 149 149 140 141 142 143 144 145 146 147 148 149 140 | | 103 | | | | | | | | | |
| 106 | | 104 | | | | | | | | | |
| 107 | | 105 | | | | | | | | | |
| 109 110 111 112 113 114 115 116 117 118 119 120 121 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 143 144 145 146 147 148 149 149 | | 106 | | | | | | | | | _ |
| 109 110 111 112 113 114 115 116 117 118 119 120 121 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 143 144 145 146 147 148 149 149 | | 107 | | | <u> </u> | _ | | \vdash | | | \dashv |
| 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 108 | | _ | \vdash | | _ | | Ш | _ | \dashv |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 109 | | | - | | | _ | | | Н |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 110 | \vdash | _ | H | - | <u> </u> | | | | \dashv |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 112 | | - | \vdash | \vdash | ┝ | ├- | \vdash | - | \vdash |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 112 | \vdash | - | - | \vdash | \vdash | - | \vdash | - | \vdash |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 114 | ┢ | - | \vdash | - | | ├- | | - | \vdash |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | _ | 115 | \vdash | \vdash | \vdash | ┢ | \vdash | \vdash | | H | H |
| 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 116 | | \vdash | | ╁ | \vdash | \vdash | | | H |
| 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 117 | | ┢ | | H | ┢ | | \vdash | | Н |
| 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 118 | | \vdash | | | | | | | Н |
| 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 119 | _ | | | | \vdash | \vdash | | | П |
| 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | | 120 | | | | | | | | | П |
| 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | | 121 | | | Г | Г | | | | | |
| 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | | 122 | | | | | | | | | |
| 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | | 123 | | | | | | | | | |
| 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 124 | | | | L | | | | | Ш |
| 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 125 | <u> </u> | | <u> </u> | | _ | ļ | | _ | Ш |
| 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 126 | <u> </u> | | ╙ | | <u> </u> | ļ | | _ | Щ |
| 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 127 | _ | _ | ┡ | L | <u> </u> | _ | | <u> </u> | Ш |
| 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 128 | | ⊢ | ↓_ | _ | <u> </u> | ┞ | <u> </u> | <u> </u> | Н |
| 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 129 | ļ | <u> </u> | ├ | <u> </u> | ١. | - | <u> </u> | _ | |
| 132 | | 130 | ├ | <u> </u> | ⊢ | | ⊢ | | ├ | <u> </u> | |
| 134 135 136 137 138 139 140 141 141 142 143 144 145 146 147 148 149 | | 131 | ├ | ⊢ | ├- | | ⊢ | ⊢ | ┝ | - | <u> </u> |
| 134 135 136 137 138 139 140 141 141 142 143 144 145 146 147 148 149 | | 132 | - | ├ | ┢ | ⊢ | ├— | ┢┈ | ├ | ├ | 1 |
| 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 149 149 149 149 149 149 149 149 149 149 140 | | 134 | | ├ | ╁ | ┢ | ┢ | ⊢ | ⊢ | | \vdash |
| 138 139 140 141 142 143 144 145 146 147 148 149 | | 135 | ╁╾ | - | | ┢ | ├ | \vdash | ┝ | - | \vdash |
| 138 139 140 141 142 143 144 145 146 147 148 149 | | 136 | ┢ | ┢╌ | | | | ┢╾ | \vdash | | \vdash |
| 138 139 140 141 142 143 144 145 146 147 148 149 | | 137 | | | i – | † - | H | - | ┢ | Г | Н |
| 140 141 142 143 144 145 146 147 148 149 | | 138 | \vdash | T | \vdash | T | | \vdash | 1 | \vdash | \vdash |
| 140 141 142 143 144 145 146 147 148 149 | | 139 | | T | T | | T | T | | \vdash | |
| 141 | | 140 | | T | Т | T | T | T | | | Г |
| 143 | | 141 | П | Г | Т | | | | | | |
| 144 | | | | | | | | | | | |
| 145 146 147 148 149 | | | | | | | | | 匚 | 匚 | |
| 146 147 148 149 149 | | | | | \Box | | \Box | oxdot | 匚 | 匚 | L |
| 147 148 149 | | | $oxed{oxed}$ | | \perp | _ | <u> </u> | _ | \perp | ļ., | <u> </u> |
| 148 149 | | | <u> </u> | L | <u> </u> | ! | ـــــ | ـــ | | L. | <u> </u> |
| 149 | | | _ | <u> </u> | \vdash | \vdash | \perp | \vdash | | L | ₩ |
| | | | | _ | 1 | \vdash | ├ | | 1 | ├ | |
| | <u> </u> | | 1 | - | ╀ | \vdash | ╀ | ┼ | ⊢ | ⊢ | \vdash |
| 130 | L | 150 | | | | ட | <u>L</u> _ | 1 | Ц_ | <u></u> | <u> </u> |